Electrical and Computer Engineering, Rutgers University
with Student Placement Information

Updated June 30, 2019

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<table>
<thead>
<tr>
<th>Year</th>
<th>January</th>
<th>May</th>
<th>October</th>
<th>Total per Year</th>
<th>TOTAL 2001-2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>9</td>
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<tr>
<td>2002</td>
<td>3</td>
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<td>4</td>
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<tr>
<td>2003</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>9</td>
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<tr>
<td>2004</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td>11</td>
<td>39</td>
</tr>
<tr>
<td>2005</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
<td>49</td>
</tr>
<tr>
<td>2006</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>9</td>
<td>58</td>
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<tr>
<td>2007</td>
<td>2</td>
<td>8</td>
<td>16</td>
<td>26</td>
<td>84</td>
</tr>
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<td>2008</td>
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<td>2009</td>
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<td>7</td>
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<td>2010</td>
<td>2</td>
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<td>7</td>
<td>15</td>
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<td>2011</td>
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<td>4</td>
<td>10</td>
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<td>2013</td>
<td>1</td>
<td>4</td>
<td>8</td>
<td>13</td>
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<td>2014</td>
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<tr>
<td>2017</td>
<td>2</td>
<td>10</td>
<td>11</td>
<td>23</td>
<td>226</td>
</tr>
<tr>
<td>2018</td>
<td>2</td>
<td>5</td>
<td>6</td>
<td>13</td>
<td>239</td>
</tr>
<tr>
<td>2019*</td>
<td>9*</td>
<td>6*</td>
<td></td>
<td>15+</td>
<td>254</td>
</tr>
<tr>
<td></td>
<td>Average per year</td>
<td></td>
<td></td>
<td>13.27</td>
<td></td>
</tr>
</tbody>
</table>

*2019 data are not included in the average

Table 1: Number of the ECE Doctoral Dissertations per Year, 2001-2019
<table>
<thead>
<tr>
<th>Institutions</th>
<th>Number of Students</th>
<th>Universities/Companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universities</td>
<td>51 (22.2%)</td>
<td>Beijing University China, Sonoma State University CA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of Kentucky, Univ. Thi-Qar Iraq, Nankai University China,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prairie View Texas A&amp;M University, Rutgers University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IIT New Delhi (2), Tamkang University Taiwan,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peking University, Georgia State University, Yeditepe University</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>13</td>
<td>Lehigh University, Old Dominion University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stevens Institute of Technology, University of South Carolina</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indiana University/Purdue University, University of Maine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Xiamen University China, Arizona State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of Babes Boilay Romania</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of Florida (2), Gainesville</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>11</td>
<td>EAFIT University Columbia, Prairie View Texas A&amp;M University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ajman University UAE, Florida State University</td>
</tr>
<tr>
<td>Professors</td>
<td>4</td>
<td>University of Virginia, Princeton University (3), UCLA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stanford University, Cornell University, KERI (Korea)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rutgers University (4), University of California at Berkeley</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toyota Research Center, Tokyo, Korea Research Labs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Southern Illinois University, School of Medicine, Sharif University</td>
</tr>
<tr>
<td>Post-doctoral students</td>
<td>17</td>
<td>IBM TJ Watson Research Center (3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NASA, National Institute of Standards, Sarnoff Corp.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US Army Research Labs, Navy Research Labs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Motors, GE Research Labs, Ford Motor Co.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Institute of Electronic Devices China, Lawrence Livermore National Lab, Schlumberger-Doll,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scientific and Technol. Research Council of Turkey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INRIA (France), JHPL</td>
</tr>
<tr>
<td>Research Associates</td>
<td>4</td>
<td>Harvard University, Rutgers University (2), University of Leicester, UK</td>
</tr>
<tr>
<td>Lecturers</td>
<td>2</td>
<td>Old Dominion University, Rutgers University</td>
</tr>
<tr>
<td>National/International Laboratories and Institutes</td>
<td>17 (7.4%)</td>
<td>IBM TJ Watson Research Center (3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NASA, National Institute of Standards, Sarnoff Corp.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US Army Research Labs, Navy Research Labs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Motors, GE Research Labs, Ford Motor Co.</td>
</tr>
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<td></td>
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<td>Institute of Electronic Devices China, Lawrence Livermore National Lab, Schlumberger-Doll,</td>
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<tr>
<td></td>
<td></td>
<td>Scientific and Technol. Research Council of Turkey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INRIA (France), JHPL</td>
</tr>
<tr>
<td>Telecommunication Industries/Networking/DSP</td>
<td>68 (29.6%)</td>
<td>Lucent/Alcatel-Lucent (12), Qualcomm (14), AT&amp;T (4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marvel Technology (2), Telecordia (4), Hitachi (2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Broadcom (7), UT Star Telecom, Motorola Beijing China, Robertson Technologies, iBiquity Digital Corp., Foursquare</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spirent Communications, Hughes Network Systems, Symbol Technologies, NEC (2), Siemens,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sprint, Juniper Networks, SONY, BBN, Thompson, Aruba Networks (2), Ortiva Network, Terrano Wireless</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Li Creative Technologies Inc., Hyundai, Akamai, FactSet Research Systems</td>
</tr>
<tr>
<td>Semiconductor and Car Industries</td>
<td>32 (13.9%)</td>
<td>United Silicone Carbide (4), Intermolecular Inc. (2), Tesla</td>
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<tr>
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<td>Charter Semiconductors, Spansion, Photonic IC</td>
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<td>Vitesse Semiconductor Inc., Traid Trek, Anadigics</td>
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<tr>
<td></td>
<td></td>
<td>Marvel Semiconductors (2), Lattice Semiconductors</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Velox Semiconductor Inc., EPV Inc, Global Founders, Texas Instruments (3), Cerebrus Corporation (2), SandDisk, Uber, Dephi, Dialight</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alpha &amp; Omega Semiconductor CA, Applied Materials Inc. (3)</td>
</tr>
<tr>
<td>Computer Industries/Others</td>
<td>62 (27.0%)</td>
<td>Google (7), Toshiba (2), Xerox, Intel (9), ASK.com, Amazon (2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yahoo, Microsof (3), Apple (2), Hewlett Packard, Inter Digital (2),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cernuum Corp., Computer Associates, Atheros, Alient, Trano Mets, Altair,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ebay Integrated Solutions, SUN Micro Systems, N. Vida, Nokia Research, Zefinity (2),</td>
</tr>
<tr>
<td>Financial Companies and Others</td>
<td>16</td>
<td>Bloomberg (3), Millennium Capital Partners London, Credit SwissBoston</td>
</tr>
<tr>
<td></td>
<td></td>
<td>JP Morgan, Goldman and Sachs, Barclays Capital, MSCI, Two Sigma Investment, Johnson &amp; Johnson, UTC Aerospace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Morgan Stanley, FlexTrade Systems, General Motors</td>
</tr>
</tbody>
</table>

Table 2: Placement of ECE January 2001 – May 2019 Doctoral Graduates (230 out of 254 graduates)
   Research Scientist, Harvard University


   Cernuim Corporation

   Motorola, Beijing, China

   Sarnoff Corporation, Princeton, NJ

   Professor, Prairie View Texas A&M University

   IBM TJ Watson Research Center, NY

   Broadcom

   UT-Star Telecom

    Associate Professor, Stevens Institute of Technology

    Research Scientists, Hewlett-Packard

    EAFIT University, Medellin, Colombia, Professor and Chair

    Lehigh University, Associate Professor

    IBM TJ Watson Research Center, NY

BBN Company, MA


Network Systems, Germantown, MD


Associate Professor, Old Dominion University


Committee: K. Cheung, M. Parker, and M. Weiner (USC Inc.)

Intel Corporation


Professor, Florida State University, Tallahassee, FL


Technology Team Leader, Aliant


Qualcomm


Associate Professor, Indiana University/Purdue University


Associate Professor, University of Maine


SUN Micro Systems


Mentor Graphics Corporation, Wilsonville, Oregon


Committee: D. Daut, N. Mandayam, C. Rose, and A. Yener (Penn State Univ.).

Lucent Technologies, Whippany, NJ


Telecordia Inc., Member of Technical Staff, NJ

NASA, Maryland

   Symbol Technologies, Rockville, MD

   Alcatel – Lucent, NJ

   Lecturer, Old Dominion University, VA

   Tranzo – Mets, CA

   Alcatel – Lucent, NJ

   Telecordia

   NEC, Princeton

   Alcatel – Lucent, Whippany, NJ

   Intel Corporation

   Sprint Technologies


   United Silicone Carbide, NJ

   Chief System Engineer, US Army CERDEC, NJ

44. **Maoyou Sun**, Electrostatic Discharge Protection for GaAs Devices and Integrated Circuits, May 2005. Advisor: **Y. Lu**. Committee: K. Cheung, M. Parker, K. Sheng, and H. Pham (Industrial Engineering, Rutgers Univ.).
   Senior Design Engineer, Vitesse Semiconductor Inc., CA

   Associate Professor, University of Florida Gainsville

   Microsoft

   Sonoma State University, Assistant Professor

   Google

   Assistant Professor, Nankai University, Tianjin, China

   Qualcomm, San Diego, CA

   Morgan Stanley, NYC, NY

   J. P. Morgan Chase, NY

   United Silicon Carbide, Inc.

   Lucent Whippany, NJ
55. Pan Wu, Fe-doped ZnO Film and Nanostructures for Spintronics, Oct. 2006. Advisor: Y. Lu. Committee: K. Cheung, M. Parker, and R. Bartsynski (Physics, Rutgers Univ.). Analytical Engineer, Traid Trek, CT


   Research Associate, Rutgers University


   Velox Semiconductor Inc., NJ


   Qualcomm, San Diego, CA


   ASK.com


   Researcher at MSCI Inc.


   Qualcomm Flarion Technologies


   Altair, CA


   Aruba Networks, San Jose, CA


   Ortiva Networks, San Diego, CA


   Assistant Professor, Prairie View Texas A&M University


   N. Vidia


   Associate Professor, University of South Carolina.


Millenium Capital Partners, London


Staff Scientist, EPV Inc., NJ


Senior Engineer, Qualcomm, CA


Alcatel-Lucent, Inter Digital Communications


Thomson Inc., NJ


Yahoo, Santa Clara, CA


Nokia Research, Polo Alto, CA


Texas Instruments


Alpha & Omega Semiconductor, CA, Sr. Product Engineer


Credit Swiss, Boston


NEC Labs, Princeton, NJ


Navy Research Labs

11


112. Lin Yang, Robust Segmentation and Object Classification in Natural and Medical Images, May 2009. Advisor: P. Meer. Committee: K. Dana, M. Parashar, Y. Zhang, and D. Foran (UMDNJ-Robert Wood Johnson Medical School). Associate Professor, Xiamen University, China


Postdoctoral Cornell University


Ford Motor Co.


National Institute of Standards, Maryland


Alcatel-Lucent Murray Hill, NJ


Marvel Technology Group Santa Clara, CA


Research Associate, University of Leicester, UK


Xerox, Webster NY


Alcatel-Lucent


AT&T Security Labs


Intel Labs, Hillsboro, OR


Apple


Rutgers University, Department of Physics, Researcher.


Marvel Technology Group, Santa Clara, CA


166. Chieh-Jen Ku, Electrical Characteristics And Stability Of Novel Mg,Zn_{1-X} (0 \leq X \leq 0.06) Thin Film Transistors, May, 2013. Advisor: Y. Lu. Committee: W. Jiang, J. Jeon, W. Lai and D. Birnie (Rutgers University).


SandDisk, Senior Device Engineer, Milpitas, CA


Qualcomm, Senior Engineer


Indraprastha Inst. of Information Techn., I.I.I.T. Delhi, India Ass. Professor


Broadcom, CA


Postdoctoral, University of Virginia


Lecturer at Rutgers University and co-founder of InPoint Systems company


Rutgers University, Department of Material Sciences and Engineering, Postdoctoral

Hyundai, Seoul, Korea, Senior Control Systems Engineer


Zenefits, San Francisco, CA


Terrano Wireless, CA


Broadcom, Inc., NJ


Schlumberger-Doll, Research Scientist, Cambridge, MA.


Qualcomm, Bridgewater, NJ, Senior Research Engineer


Assistant Professor Georgia State University


Global Founders, Senior Engineer


Carnegie Mellon University, postdoctoral (Assistant Prof., Peking University in 2016/17)


Google, Software Engineer


IBM, NY, postdoctoral


Applied Materials, Santa Clara, CA, Solar Cell Process Engineer


Two Sigma Investments, New York, NY, Software Engineer


Interdigital, BlueBell, PA

   Postdoctoral, Rutgers University, Department of Computer Science.

   Delphi Automotive

   Teaching Assistant Professor, Rutgers University


   Postdoctoral, Sharif University, Iran


   Zenefits, CA

   Foursquare


   Qualcomm


   Postdoctoral, INRIA, Paris, France.

   Applied Materials, Sunny Valley, CA

   INTEL, TX

   INTEL, OR

   John Hopkins Physics Research Labs

Postdoctoral, Korea research Labs


211. **Gorkem Kar**, Enhancing Vehicle Data Availability and Privacy for Connected Cards, May 2017. Advisor: **M. Gruteser**. Committee: R. Martin, W. Trappe, Y. Zhang, and F. Bai (ECS Lab, General Motors Research). Assistant Professor, Yeditepe University, Turkey


Fact Set Research System, NY


Postdoctoral Berkeley University


Dialight, Corporation, Farmingdale, NJ


Johnson & Johnson, Boston
   UTC Aerospace, Princeton, NJ

   Ebay, Data Scientist, Seattle

   Amazon, Polo Alto, CA

   Microsoft

   Marvel Semiconductors, Santa Clara, CA

   Tesla, Data Scientist, CA

   Amazon Seattle.

   General Motors, MI

   Intel

   Postdoctoral, Rutgers University

   Assistant Professor, University Thi-Qar, Iraq

   Postdoctoral UCLA

   Postdoctoral, Princeton University


Rutgers ECE Doctoral Graduates 2001-2019 who hold Faculty Positions

2. Gorkem Car, Assistant Professor, Yeditepe University, Turkey, RU 2017, advisor M. Gruteser.
3. Shubham JAIN, Assistant Professor Old Dominion University, RU 2017, advisor M. Gruteser.
4. Ashwin ASHOK, Assistant Professor, ECE Georgia State University, RU 2014, advisor M. Gruteser.
5. Saket ANAND, Assistant Professor, Indraprastha Inst. of Info. Tech., Delhi, RU 2013, advisor P. Meer.
6. Sanjit Krishnan KAUL, Assistant Professor, IIT, Delhi, RU 2011, advisor M. Gruteser.
7. Fu-Yi HUNG, Assistant Professor, Tamkang University, Tamsal, Taiwan, RU 2009, advisor I. Marsic.
8. Lin YANG, Assistant Professor, University of Florida, RU 2009, advisor P. Meer.
9. Liang XIAO, Associate Professor, Xiamen University, China, RU 2009, advisor N. Mandayam.
10. Lalitha SHANKAR, Assistant Professor, Arizona State, RU 2007, advisor Mandayam.
11. Hongju GAO, Assistant Professor, Beijing University, RU 2007, advisor D. Daut.
12. Wenyuan XU, Associate Professor, University of South Carolina, RU 2007, advisor W. Trappe.
13. Xiangfang LI, Assistant Professor, Prairie View Texas A&M University, RU 2007, advisor Z. Gajic.
14. Jing WANG, Assistant Professor, Nankai University, Tianjin, China, RU 2005, advisor K. Dana.
15. Jack OU, Assistant Professor, Sonoma State University, CA, RU 2005, advisor M. Caggiano.
16. Xiaolin LI, Associate Professor, University of Florida Gainsville, RU 2005, advisor M. Parashar.
17. Rares F. BOIAN, Associate Professor, University of Babes Boilay, Romania, RU 2005, advisor G. Burdea.
18. Nuri William EMANETOGLU, Associate Professor, University of Maine, RU 2003, advisor Y. Lu.
19. Sarah KOSKIE, Associate Professor, Indiana University/Purdue University, RU 2003, advisor Z. Gajic.
20. Ming YU, Associate Professor, Florida State University Tallahassee, RU 2002, advisor D. Daut.
21. Dimitrie POPESCU, Associate Professor, Old Dominion University, RU 2002, advisor C. Rose.
22. Liang CHENG, Associate Professor, Lehigh University, RU 2002, advisor I. Marsic.
24. Cristina COMANICIU, Associate Professor, Stevens Institute of Technology, RU 2002, advisor N. Mandayam.
25. Lijun QIAN, Professor, Prairie View Texas A&M University, RU 2001, advisor Z. Gajic.
Rutgers ECE PhDs Who Graduated before January 2001
and Who Hold Faculty Positions
(the list is not complete)

1. Aylin YENER, Professor, Pennsylvania State University, RU 2000, advisor R. Yates.

2. Sennur ULUKUS, Professor, University of Maryland, RU 1998, advisor R. Yates.

3. Mohammad SAQUIB, Professor, University of Texas at Dallas, RU 1998, advisor R. Yates.

4. Jia-Chyi WU, Associate Professor, National Taiwan Ocean University, RU 1998, advisor D. Daut.

5. Christi MADSEN, Professor, Texas A&M University, RU 1996, advisor J. Zhao.


7. Ching Yao HUANG, Professor and Associate Dean, National Chiao Tung University, Taiwan. RU 1995. Advisor R. Yates.

8. Myo Taeg LIM, Professor, Korea University, RU 1994, advisor N. Puri/Gajic.

9. Steven L. GAY (GRANT), Professor, University of Missouri Rolla, RU 1994, advisor R. Mamnone.


11. David R. KAELI, Professor, Northeastern University, RU 1992, advisor H. Freeman.

12. Lawrence A. HORNAK, Professor & NSF Program Director, West Virginia University, RU 1991, advisor B. Lalevic.


16. Xuemin SHEN, Professor, University of Waterloo, Canada, RU 1990, advisor Z. Gajic.

17. Byung Moo MOON, Professor, Korea University, RU 1990, advisor B. Lalevic.

18. Weng Poo KANG, Professor, Vanderbilt University, RU 1988, advisor B. Lalevic.

19. Steven CHIN, Professor & Associate Dean, Rowan University, RU 1987, advisor D. Daut.
ECE Doctoral Dissertation Advisors - January 2001 to May 2019
and Number of Dissertations Supervised
(254 Dissertations from January 2001 to May 2019)

21.83* Mandayam
17   Lu, Parashar
14.5* Zhao
12.33* Yates
11.33* Raychaudhuri, Trappe
11   Marsic
10.5 Gajic, Gruteser
10   Daut
9.5* Zhang
9    Spasojevic
7.5* Silver
7    Pompili
6    Bushnell, Meer, Dana
5    Petropulu
4    Mammone, Jiang
3.5* Zonouz
3    Rose, Micheli-Tzanakou (Biomed)
2.5  Najafizadeh
2    Burdea, Lindqvist, Rabiner
1.5* Javanmard, Patel, Sheng
1.33* Greenstein (WINLAB)
1    Bajwa, Bouzit, Caggiano, Cheung, Chhowala, Feldman (Physics), Hsiao, Li (Biomed), Lindqvist, Jeon,
    Oh (Physics), Parker, Puri, Cheong (Physics), Madigan (Statistics), Olgieski (WINLAB), Singh (Library and
    Information Science), Sontag (Math) and Tremaine (CAIP), Zonouz
0.5* Wilder (CAIP)
0.33* Foschini (AT&T Bell Labs)

* 0.5 for two dissertation advisors
0.33 for three dissertation advisors
1 for one dissertation advisor